

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

WEIGOLD, A. et al.

Atty. Ref.: 659-38

Serial No. unknown

Group:

Filed: November 21, 2001

Examiner:

For: PASSIVE OPTICAL TRANSCEIVERS

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November 21, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In order to place the above-identified application in better condition for examination, please amend the application as follows:

IN THE CLAIMS

Please substitute the following amended claims for corresponding claims previously presented. A copy of the amended claims showing current revisions is attached.

3. A passive optical transceiver, as claimed in claim 1, including means for reflecting a portion of said first optical signal stream to said optical modulator to provide said second stream.

12. A passive optical transceiver, as claimed in claim 9, wherein said modulator includes a first arm for inducing a positive phase shift, and a second arm for inducing a negative phase shift.

18. A passive optical transceiver, as claimed in claim 15, wherein the frequency of said overmodulation is substantially greater than the frequency of said modulation of said first data.

27. An optical network including at least one optical transceiver as claimed in claim 1.

28. A point to point optical network having passive optical transceivers, as claimed in claim 1, connected to active optical transceivers in a central hub.

29. A point to point optical network having active optical transceivers connected to passive optical transceivers as claimed in claim 1, wherein said passive optical transceivers are in a central hub.

30. A computer bus architecture having at least one optical transceiver as claimed in claim 1.

REMARKS

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page(s) is captioned "**Version With Markings To Show Changes Made.**"

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

3. A passive optical transceiver, as claimed in claim 1-~~or 2~~, including means for reflecting a portion of said first optical signal stream to said optical modulator to provide said second stream.

12. A passive optical transceiver, as claimed in ~~any one of claims 9 to 11~~, wherein said modulator includes a first arm for inducing a positive phase shift, and a second arm for inducing a negative phase shift.

18. A passive optical transceiver, as claimed in ~~any one of claims 15 to 17~~, wherein the frequency of said overmodulation is substantially greater than the frequency of said modulation of said first data.

27. An optical network including at least one optical transceiver as claimed in ~~any one of claims 1 to 25~~.

28. A point to point optical network having passive optical transceivers, as claimed in ~~any one of claims 1 to 25~~, connected to active optical transceivers in a central hub.

29. A point to point optical network having active optical transceivers connected to

passive optical transceivers as claimed in ~~any one of claims 1 to 25~~, wherein said passive optical transceivers are in a central hub.

30. A computer bus architecture having at least one optical transceiver as claimed in ~~any one of claims 1 to 25~~.